

## Feature Comparison

### Clearco DPF-7040 & Dow Corning® 704 Diffusion Pump Fluids

	Clearco DPF-7040	Dow 704 Diffusion Pump Fluid
Molecular Description	Tetraphenyltetramethyl trisiloxane	Tetramethyltetraphenyl trisiloxane
CAS #	3982-82-9	3982-82-9
Viscosity @ 25°C	35 – 40cSt	39cSt
Molecular Weight	485	484
Pour Point °C	-35°C	
Specific Gravity	1.07	1.07
Refractive Index	1.556	
Surface Tension	37.3	37.3
Flashpoint °C	221°C	221°C
Boiling Point	233°C	215°C
Ultimate Vacuum, torr untrapped trapped	10-7 to 10-8 to 10-11	10-7 to 10-8 to 10-11